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- (71) Applicant (for all designated States except US): DOW CORNING CORPORATION [US/US]; 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): NISHIDA, Fumito [JP/US]; 1210 Crestwood Court, Midland, MI 48640 (US). LAUER, Timothy [US/US]; 6816 North Gleaner Road, Freeland, MI 48623 (US). PERNISZ, Udo [DE/US]; 406 Lingle Lane, Midland, MI 48642 (US).
- (74) Agent: MILCO, Larry, A.; Patent Department - Mail CO1232, 2200 West Salzburg Road, Midland, MI 48686-0994 (US).
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(54) Title: METHOD OF PREPARING A METAL-SILICONE RUBBER COMPOSITE

(57) Abstract: A method of preparing a metal-silicone rubber composite, the method comprising the steps of (i) depositing a layer of gold on a surface of a mold; (ii) depositing a primer layer of a metal on the layer of gold, wherein the metal is selected from aluminum, chromium, titanium, and copper; (iii) applying a radiation-curable silicone composition on the primer layer; (iv) curing the silicone composition with radiation to form a silicone rubber; and (v) removing the silicone rubber from the mold, whereby the layer of gold and the primer layer are transferred to the silicone rubber.

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